Card

The AAVA Play card system provides a flexible and modular approach to creating content containers. It consists of a main card container (aava-default-card) and dedicated subcomponents for header (aava-card-header), content (aava-card-content), footer (aava-card-footer), and actions (aava-card-actions). This modular design allows for consistent, well-structured content layouts across your application.

How to use

Basic Usage

A simple card with basic content structure.

```
import {
  AavaDefaultCardComponent,
  AavaCardHeaderComponent,
  AavaCardContentComponent,
  AavaCardFooterComponent,
  AavaTagComponent,
} from "@aava/play-core";
```

With Header

Card with a header section for titles, navigation, or metadata.

```
<aava-default-card>
  <aava-card-header>
    <div class="header-with-badge">
      <h4>Article Title</h4>
      <aava-tag [pill]="true" label="New" color="primary"></aava-tag>
    </div>
  </aava-card-header>
  <aava-card-content>
    <p>
      A complete card example with header, content, and footer sections. Perfect
      for articles, blog posts, or detailed information displays.
    </p>
  </aava-card-content>
  <aava-card-footer>
    <div class="footer-info">
      <div class="meta-info">
        <aava-icon
          iconName="calendar-days"
          [iconSize]="16"
          iconColor="#6c757d"
        ></aava-icon>
        <span>Dec 15, 2024</span>
      </div>
      <div class="meta-info">
        <aava-icon
          iconName="user"
          [iconSize]="16"
          iconColor="#6c757d"
        ></aava-icon>
        <span>John Doe</span>
      </div>
    </div>
  </aava-card-footer>
</aava-default-card>
```

With Actions

Card with action buttons using the dedicated actions component.

```
&lt;aava-default-card&gt;
  &lt;aava-card-header&gt;
    &lt;div class="header-with-icon"&gt;
      &lt;aava-icon
        iconName="shield-check"
        [iconSize]="24"
        iconColor="#28a745"
      &gt;&lt;/aava-icon&gt;
      &lt;h4&gt;Security Settings&lt;/h4&gt;
    &lt;/div&gt;
  &lt;/aava-card-header&gt;
  &lt;aava-card-content&gt;
    &lt;p&gt;
      Icons in headers help convey meaning quickly and add visual interest. This
      card shows security-related settings.
    &lt;/p&gt;
    &lt;ul class="settings-list"&gt;
      &lt;li&gt;Two-factor authentication enabled&lt;/li&gt;
      &lt;li&gt;Password strength: Strong&lt;/li&gt;
      &lt;li&gt;Last login: 2 hours ago&lt;/li&gt;
    &lt;/ul&gt;
  &lt;/aava-card-content&gt;
&lt;/aava-default-card&gt;
```

Example Cards

```
&lt;aava-default-card&gt;
  &lt;aava-card-header&gt;
    &lt;h4&gt;Account Settings&lt;/h4&gt;
  &lt;/aava-card-header&gt;
  &lt;aava-card-content&gt;
    &lt;p&gt;
      Manage your account preferences, security settings, and personal
      information.
    &lt;/p&gt;
    &lt;ul class="settings-list"&gt;
      &lt;li&gt;Profile Information&lt;/li&gt;
      &lt;li&gt;Security & Privacy&lt;/li&gt;
      &lt;li&gt;Notification Preferences&lt;/li&gt;
    &lt;/ul&gt;
  &lt;/aava-card-content&gt;
  &lt;aava-card-footer&gt;
    &lt;div class="primary-actions"&gt;
      &lt;aava-button
        label="Save Changes"
        variant="primary"
        size="sm"
        (click)="onPrimaryAction('Save Changes')"
      &gt;
      &lt;/aava-button&gt;
    &lt;/div&gt;
  &lt;/aava-card-footer&gt;
&lt;/aava-default-card&gt;
```

Features

Modular Components

- Default Card (aava-default-card): Main card container with proper styling and accessibility
- Card Header (aava-card-header): Dedicated header component with semantic HTML
- Card Content (aava-card-content): Main content area component
- Card Footer (aava-card-footer): Footer section component
- Card Actions (aava-card-actions): Action buttons container component

Accessibility

- Semantic Structure : Proper ARIA roles and landmarks
- Keyboard Navigation : Full keyboard accessibility
- Screen Reader Support : Clear content structure for assistive technologies

Responsive Design

- Flexible Width : Adapts to container width
- Mobile Friendly : Optimized for all screen sizes
- Consistent Spacing : Maintains proper spacing across devices

API Reference

DefaultCardComponent

The main card container component that provides the base card structure.

Selector: aava-default-card

Property	Type	Default	Description
No inputs	-	-	Uses content projection for all content

Methods: None

Events: None

CardHeaderComponent

Header section component with semantic HTML structure and typography styling.

Selector: aava-card-header

Property	Type	Default	Description
No inputs	-	-	Uses content projection for header content

Methods: None

Events: None

CardContentComponent

Main content area component for displaying primary card content.

Selector: aava-card-content

Property	Type	Default	Description
No inputs	-	-	Uses content projection for main content

Methods: None

Events: None

CardFooterComponent

Footer section component for additional information or metadata.

Selector: aava-card-footer

Property	Type	Default	Description
No inputs	-	-	Uses content projection for footer content

Methods: None

Events: None

CardActionsComponent

Action buttons container component for user interactions.

Selector: aava-card-actions

Property	Type	Default	Description
No inputs	-	-	Uses content projection for action buttons

Methods: None

Events: None

CSS Custom Properties

The card components use the following CSS custom properties for styling:

Property	Description	Default Value
--card-default-border	Border color for the default card	Defined in theme
--tooltip-shadow	Box shadow for the card	Defined in theme
--card-heading1-font	Font family for h1 elements in header	Defined in theme
--card-heading1-font-weight	Font weight for h1 elements in header	Defined in theme

Component Styling

Default Card:

- Border radius: 24px
- Border: 1px solid with --card-default-border
- Background: Linear gradient from white to light gray
- Box shadow: Uses --tooltip-shadow
- Padding: 24px
- Width: 100%

Card Header:

- Uses semantic <header> element with role="banner"
- Typography styling for h1 elements
- Custom font family and weight support

Card Content:

- Clean content area with no additional styling
- Uses content projection for flexible content

Card Footer:

- Clean footer area with no additional styling

- Uses content projection for flexible content

Card Actions:

- Clean actions area with no additional styling
- Uses content projection for flexible content

Best Practices

Design Guidelines

- Content Hierarchy : Use headers for titles, content for main information, and footers for actions or metadata
- Consistent Spacing : Maintain consistent padding and margins across all cards
- Visual Balance : Ensure content is well-distributed within the card
- Clear Boundaries : Use borders or shadows to clearly define card boundaries

Component Usage

- Always use aava-default-card as the main container
- Use dedicated subcomponents for each section (header, content, footer, actions)
- Maintain semantic structure with proper heading hierarchy
- Keep components focused on their specific responsibilities

Accessibility

- Semantic Structure : Use proper heading hierarchy within card headers
- Focus Management : Ensure logical tab order through card content
- Screen Reader Support : Provide descriptive content for assistive technologies
- Color Contrast : Maintain sufficient contrast for all text content

Performance

- Modular Design : Use only the components you need
- Change Detection : Leverage OnPush strategy for better performance
- Lazy Loading : Consider lazy loading for cards with heavy content
- Memory Management : Clean up event listeners and subscriptions